Index of Claims

| Application No. | Applicant(s) | |
|---------------------|----------------|--|
| 09/974,760 | ROBERTS ET AL. | |
| Examiner | Art Unit | |
| David A. Lambertson | 1636 | |

| / | Rejected | , | 1 | (Through numeral) Cancelled | | N | Non-Elected | Α | Appeal |
|---|----------|---|---|--------------------------------|--|---|--------------|---|----------|
| = | Allowed | | + | Restricted | | ı | Interference | 0 | Objected |

David A. Lambertson

| Cla | aim | Г | | | Dat | <u>е</u> | | | 7 | Гс | laim | Т | | | Date | | - | | [| Cla | aim | T | | | | Date | e | | | |
|--|------------|--|--------------|-----------|--------------|--|--|----------|-----------|----------|--|-------------------|-----------|--|-------------------------|-------------|---------------------|----------|-----------|----------|----------|---------------|--------------|--|--|----------|------------|----------|--------------------|---|
| | T | 3 | | T | Ī | Ť | ГП | П | | | T | 1_ | | | T | \neg | | | | | | _ | ٠. | | ΠĪ | | | | \neg | _ |
| -m | Original | 10/15/64 | | | ŀ | 1 | | - | | - m | Original | 40/5/104 | 448 | | | - 1 | | | | - | Original | 41/51/9 11- | 4 | 1 | | il | | | - 1 | |
| Final | · <u>ē</u> | N | | | | l l | | - 1 | | Final | ·\(\) | \ \ \ \ | | tl | | | | | | Final | 흉 | is | | | | ı I | | | - 1 | |
| ᄔ | 1 등 | 1 | | | | 1 | 1 | | | u_ | 1 ਨ | 1 | _ | 1 | | | | | | ᄔ | Ë | 2 | 05 | 4 | | 1 | | | | |
| | ~ | S | | | | 1 | 1 | | | | 1 | 9 | ठ | 1 | | | | | | | | و | 9 | 7 | | 1 | | | - 1 | |
| | 1 | | | 1 | 1 | 1 | | | | | 51 52 53 54 | 1 | | П | | | | | | | 101 | = | | 1 | | \Box | | \neg | | |
| | 1 | \Box | | +- | + | t | 1 | \dashv | - ::: | - | 5 | +- | +- | 1 | + | _ | 1- | \vdash | | | 102 | 1 | 1 | \vdash | \vdash | Н | | | \dashv | _ |
| | 1 | - | | + | + | l | ╂─┼ | | | | <u>-</u> - | ╂ | | | | | | - | | | | Н | H | ╁ | \vdash | | | | \dashv | |
| | ₽ | \vdash | | - | ╂ | ـــ | ┞ | - | - | | 1 20 | - | ∔ | | | | - | Ш | | | 103 | Н | Н | \perp | \sqcup | | | _ | | |
| | 4 | Ш | | | .↓ | <u> </u> | | | - | | 54 | | 1 | | | | | Ш | | | 104 | LL | Ц | | Ш | | | | _ | |
| | . \$ | | | | | | | | | | 55 | 1 | | | | | | | | | 105 | | Н | | 1 1 | ιI | | | ļ | |
| ĺ | 6 | l I | | | | 1 | | | | | 56 | | |] | | | | | | | 106 | П | | | | | | | | |
| | 7 | | | 1 | 1 | | | | | | 57 | 1 | 1 | | | | | | | | 107 | | т | \Box | \Box | П | | | \dashv | _ |
| <u> </u> | 8 | 1 | _ | \top | 1 | 1 | | \neg | | | 58 | T | t | | | | | П | | | 108 | H | | \vdash | | - | | | - | _ |
| | 5 | | | | + | ╁ | - | - | | | + 26 | + | 1 | | + | | + | | | | 109 | H | ╁ | + | | Н | \vdash | - | -+ | _ |
| | | H | | | + | ├ | \vdash | \dashv | - | - | 1 38 | ╀ | 1- | | | - | | | | | | H | Н | \vdash | \vdash | \vdash | \vdash | H | + | _ |
| | 10 | Ш | | | . | <u> </u> | \sqcup | | | | l eh | 1_ | <u> </u> | \vdash | \perp | | \perp | | | | 110 | Ш | 1 | 1_ | | Ш | <u>L</u> . | | | |
| | 11 | | | 1 | | | | | | | 61 | | | \sqcup | | | \perp | | | | 111 | Ш | | ┸ | | | | | | |
| L] | 12 | | | 1 | | - | ΙĪ | Ţ | | | 612 | | 1 | LΤ | | | | | | | 112 | П | | | П | | | | T | |
| | 13 | | | | 1 | | П | \neg | | | бß | T | Τ | | \top | | | | | | 113 | | П | | | | | | \neg | |
| | 14 | - | | + | 1 | İ | П | 一 | | - | A | † | 1 | | \top | \dashv | \top | \Box | | | 114 | H | | \Box | \vdash | | | | - | |
| \vdash | 15 | | | + | + | <u> </u> | \vdash | \dashv | - | - | 12 | +- | + | | + | | + | \vdash | | | 115 | \vdash | + | ++ | $\vdash \vdash$ | \vdash | - | | \dashv | |
| | | \vdash | + | +- | +- | - | | + | - | - | +32 | + | 1 | $\vdash\vdash$ | + | + | | | | | 110 | + | H | + | \vdash | Н | - | \dashv | + | |
| | 16 | \vdash | \dashv | ╄ | ₩ | <u> </u> | \vdash | _ | 4 | | 1 ob | - | ـــ | - | \perp | _ | + | Ш | | | 116 | $\perp \perp$ | 4 | ┦ | \sqcup | ш | | | \dashv | |
| L | 17 | | | | 1 | | 1_1 | | | | 55 57 57 59 60 61 62 63 64 65 66 67 68 69 70 | <u>L</u> | L | $oxed{oxed}$ | | | 1 | Ш | | | 117 | Ш | L | | | | | | $oldsymbol{\perp}$ | |
| | 18 | | | 1 | | | | | | | _l618_ | <u></u> | | ll_ | | | | 1 | | | 118 | l I | Н | | | | | | | |
| | 19 | | | | | | П | | | | 69 | Τ | Ī | | | | | | | | 119 | П | П | П | П | | | | | |
| | 20 | | | 1 | 1 | 1 | 1-1 | \neg | -10 | | 1 7 h | 1 | 1 | | | | 1 | \Box | | | 120 | H | Ħ | 1 | | \Box | | \dashv | 十 | _ |
| | 31 | \vdash | \neg | + | t | 1 | \vdash | | - | - | 17/1 | + | + | | + | + | + | | | | 121 | H | H | \vdash | | \vdash | | \dashv | \dashv | _ |
| | 21 22 | | | + | + | + | ┥ | \dashv | | | 14 | ╂ | - | | | | + | \vdash | | - | 122 | H | H | \vdash | | \vdash | | | | _ |
| ļ | 42 | Ш | | | + | | | - | -411 | - | 114 | ╀ | - | \vdash | | | | \dashv | | | 122 | Н | 4 | \vdash | $\boldsymbol{\sqcup}$ | Н | | \dashv | | _ |
| L | 23 | _ | | \bot | | ــــــــــــــــــــــــــــــــــــــ | \sqcup | | _ | | 72 73 74 75 76 | ┺ | <u> </u> | $\sqcup \bot$ | \perp | | \perp | \Box | | | 123 | Ш | Ш | | | | | \Box | | |
| | 24 25 | | | | | | | | | | 74 | | | | | | | Ш | | | 124 | Ш | | | | | | | | |
| | 25 | | | | | | | ŀ | | | 17b | | | | | | i | | | | 125 | П | 1 | 1 1 | П | | | | | |
| | 26 27 | | | 1 | 1 | | | | | | 76 | 1 | | | | | | | | | 126 | \top | N | \Box | П | | | _ | _ | _ |
| | 37 | | | 1 | 1 | | | _ | \exists | | 77 | <u>.</u> | N | \vdash | | | | | · · · · · | | 127 | - | N | \vdash | \vdash | \neg | | - | -+ | _ |
| | 28 | | | + | + | | \vdash | | - | 1 | 78 | 17 | 1 | | | | | \dashv | | - | 127 | Н | Н | ⊢ | \vdash | | | \dashv | + | _ |
| | 40 | | - | | 1 | | | | - | - | 10 | # | 11 | \vdash | 1-1 | - | + | _ | | | 128 | 4 | Ш | \sqcup | \vdash | \vdash | | _ | _ | |
| | 29 | | | ┸ | ↓_ | | \sqcup | | | | 79 | 11 | Ш | | 1_1 | | \perp | | | | 129 | Ш | Ш | Щ | <u> </u> | | | \Box | ightharpoonup | |
| | 30 | <u> </u> | | | | | | | | | 80 | Ш | | | \perp | | | | | | 130 | | | | Ш | لــــا | | | | |
| 1 | 31 | | | | | 1 | | | | | 81 | П | 11 | 1 1 | | | | | | | 131 | | | 1 | | | | | | |
| | 32 | | | 1 | 1 | | | | 7::: | | 82 | Π | 11 | | 1 1 | \neg | | | | | 132 | \top | | \Box | | | | | \top | _ |
| | 33 | | | \top | T | Г | H | \neg | - | | 83 | $\dagger \dagger$ | | | + | + | \top | \vdash | | \dashv | 133 | \vdash | H | \vdash | | \neg | \vdash | \dashv | + | _ |
| | 34 | \vdash | | + | + | \vdash | \vdash | \dashv | - | | 84 | †† | ╁╂ | - | ╅╾┤ | | + | \vdash | | - 1 | 134 | + | + | \vdash | Н | Н | Н | \dashv | + | _ |
| <u> </u> | 35 | $\vdash \vdash$ | + | +- | | | | + | | - | 85 | ₩ | ╁ | | + | | | | | | 134 | ! | Ļ | - | \vdash | \vdash | | | | |
| | | $\vdash \vdash$ | + | | ┼ | \vdash | $\vdash \downarrow$ | _ | - | | | H | H | | \dashv | + | 4-4 | Щ | | | 135 | 9 | M | 1 | $\vdash \vdash$ | Щ | Ш | | \dashv | _ |
| <u> </u> | 36 | | | \perp | ـ | | | _ | _ | | 86 | Ш | \sqcup | oxdot | 4-4 | | 4 | Ш | | | 136 | | | | Ш | Ш | | | | _ |
| | 37 | | | \perp | L | | Ш | | | | 87 | Ш | \coprod | | \perp | | | | | | 137 | L | L | £. | L l | ╻┃ | Ll | | | |
| | 38 | | | Τ | | Γ | | T | | | 88 | \prod | \prod | | | \top | | | | | 138 | | | П | \Box | | | \Box | \neg | |
| | 39 | | | \top | | П | | \neg | 7 | | 89 | П | Ħ | | | | \top | | | | 139 | | | | \Box | \neg | | \dashv | $\neg \uparrow$ | _ |
| | 40 | \vdash | \dashv | +- | T | Τ | | | \dashv | | 90 | †† | †† | \vdash | +-+ | + | + | \vdash | | | 140 | | | \vdash | \vdash | 一 | | -+ | + | _ |
| | 41 | \vdash | \dashv | + | +- | | | \dashv | \dashv | - | 91 | ╁ | ₩ | $\vdash\vdash$ | + | + | + | \dashv | | | 141 | - | \vdash | \vdash | Н | \dashv | \vdash | \dashv | -+ | _ |
| | 7 | | | + | \vdash | \vdash | ├ ─┼ | | - | | 91 | ++ | ╁ | $\vdash \vdash$ | + | + | + | \dashv | | | 141 | | | $\vdash \vdash$ | $\vdash \vdash$ | , | | | + | _ |
| | 42 43 | $\vdash \vdash$ | $-\!\!\!\!+$ | + | \vdash | - | | _ | - | <u> </u> | 92 | # | # | \vdash | | + | $oldsymbol{\sqcup}$ | Щ | | | 142 | L | <u> </u> | \vdash | ⊢⊢ | Щ | _ | | + | _ |
| | 43 | Ш | \perp | \perp | _ | \vdash | \sqcup | | _ | | 93 | Ш | Ш | $\Box \bot$ | 1 | | Ш | | | | 143 | | <u></u> | \sqcup | | | | | \perp | _ |
| L | 44 | | | \perp | L | L | \sqcup \sqcup | | | Ŀ | 94 | \prod | | <u> </u> | 1 1 | | 1 1 | | | | 144 | | | ΙŢ | ιT | | | | | |
| | 45 | | | T | Γ | | | 丁 | | | 95 | | П | | | 1 | | П | | | 145 | | - | \Box | \Box | \neg | | | | |
| | 46 | | | 1 | | | \sqcap | \top | | | 96 | †† | 11 | | | _ | 1 | | | | 146 | | | | \Box | \neg | \Box | \dashv | $\neg \vdash$ | _ |
| | 46 47 | H | - | \dagger | t | \vdash | | | - | - | 97 | + | + | | + | $-\vdash$ | + | \dashv | ŀ | | 147 | _ | | | \vdash | \dashv | - | \dashv | + | - |
| \vdash | | \vdash | | + | ┼ | | $\vdash \vdash$ | | - | | | H | 1 | $\vdash\vdash$ | + | | + | \dashv | | | | | <u> </u> | \vdash | | \dashv | - | | + | _ |
| \vdash | 48 | | | +- | + | \vdash | ⊢┼ | - | | ļ | 98 | + | N | | - | _ | 4-4 | ႕ | | | 148 | | | | | | | 4 | -+ | |
| | 49 | | | + | ⊢ | | | + | - | <u> </u> | 99 | Ļ | V | \vdash | $\downarrow \downarrow$ | - | 1 | | | | 149 | | <u> </u> | Ш | ╨ | | _ | _ | \dashv | _ |
| | 5 0 | | | | 1 | | | | | 1 | 100 | 15 | V | l f | | | | ١. | ı | | 150 | | | l l | i l | . | | - 1 | | 1 |

U.S. Patent and Trademark Office

Continuation of previous Index of Claims